

Hansen, Janette

From: Theodore Pagano, P.E., P.G. <tpagano@mipotash.com>
Sent: Wednesday, October 21, 2015 3:42 PM
To: Hansen, Janette
Subject: Re: Request for Additional Information

Janette,

To Clarify, injection perforations may be selected between +/- 7650 to 7750 based on site specific deposition of the potash (injection interval); intentionally preserving 50'-70' of pure salt between the top of the injection interval and the A1 Carbonate.

Figure F7 is a good reference. The mid-point of the injection interval has been marked on this cross section. From here, you may observe from the well logs, the potash intervals below the A1 Carbonate demonstrated by the irregularity in the density response. Not all of these intervals are commercial intervals.

The A2 may provide a benefit at some time, as it provided to Mosaic and Cargill, although there is no potash in the A2.

Sincerely,

Ted Pagano

On Wed, Oct 21, 2015 at 2:14 PM, Hansen, Janette <hansen.janette@epa.gov> wrote:

Looking at your proposed well bore diagram, the roof is at 7590, 60 feet below the A-1 Carbonate. Are you only going to mine 10 feet of potash?

Do you have any long range plans to go after the Potash in the A-2?

From: Theodore Pagano, P.E., P.G. [mailto:tpagano@mipotash.com]
Sent: Wednesday, October 21, 2015 2:36 PM
To: Hansen, Janette <hansen.janette@epa.gov>
Subject: Re: Request for Additional Information

Janette,

Yes, the top of the Borgen bed potash interval will be between 50'-70' below the A1 Carbonate.

Sincerely,

Ted Pagano

On Wed, Oct 21, 2015 at 12:38 PM, Hansen, Janette <hansen.janette@epa.gov> wrote:

Question – Is there a reason you can't have the solution cavern slightly deeper, so that there is 200" of A-1 Evaporite left as roof?

From: Theodore Pagano, P.E., P.G. [mailto:tpagano@mipotash.com]

Sent: Wednesday, October 14, 2015 10:35 AM

To: Hansen, Janette <hansen.janette@epa.gov>; Batka, Allan <batka.allan@epa.gov>

Subject: Fwd: Request for Additional Information

Hello Janette,

Provided the following letter and last request for information, Allan has suggested that he is ready to begin the permit writing process. I am checking in with you to see if the timing corresponds to the Class III writing as well, and if there is anything that I can do, or any further questions that I can answer.

Sincerely,

Ted Pagano

----- Forwarded message -----

From: **Batka, Allan** <batka.allan@epa.gov>

Date: Wed, Oct 14, 2015 at 9:00 AM

Subject: RE: Request for Additional Information

To: "Theodore Pagano, P.E., P.G." <tpagano@mipotash.com>

I received your email and attachment

From: Theodore Pagano, P.E., P.G. [mailto:tpagano@mipotash.com]

Sent: Monday, October 12, 2015 3:31 PM

To: Batka, Allan; Perenchio, Lisa

Subject: Request for Additional Information

Dear Mr. Batka,

As per our discussion; to assist in a more expeditious and administratively clean process as it concerns MPO's application for Class I Non Hazardous injection in Osceola County, Michigan, please find attached, a written withdraw of our request to inject into the Reed City Formation, until further remedial activity in the AOR is warranted.

A Hard Copy will be mailed today.

Sincerely

Ted Pagano

General Manager